

Work Order ID 129501

Tuesday, May 26, 2015 1:08:50 PM

129501

Page 1

Item ID: D350-689-021

Accept

N900040100

Setup Start ***NS1***

Revision ID:

Stop ***NS2***

Item Name: Dual High-Back Seat Installation - Energy Attenuating Seat Compatible

Start Date: 2/12/2015 Start Qty: 1.00 ***1***

Cust Item ID:

Required Date: 2/12/2015 Req'd Qty: 1.00 ***1***

Customer:

Reference: REWORK PER ECN 15-520

Approvals: Process Plan: mf. Date: 15-5-26 Tooling: _____ Date: _____

Run Start ***NR1***

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
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Draw Nbr	Revision Nbr
IIN-D350-689	C

180

0.00

180

Large Fab

Memo

0.00

Large Fab

PULL FROM STOCK D350-689-021 X 1 B120365

REMOVE SEAT (D350-689-043 TO REWORK TO D5162-041)
BRING TO LARGE FAB

REWORK TO NEW DRAWING D5162-

190

QC5- Inspect part completeness to step on W/O 0.00

190

QC

Memo

0.00

Quality Control

DART

PART NO	D350-689-021	CHG	CHG005
DESC	Dual High Back Seat, LH	STC	SH02-33
QTY	B120365	STC	SR01620NY
MODEL	AS350/355	STC	

TO APPROVAL 4-08-09 MADE IN CANADA 02723-0

15-05-03

191

Touch up alodine

15-6-4

Powder coat grey
M130746.

Start time: 2:25
Oven temp: 320
Finish time: 2:55

15-6-9

34.98

QC 3

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS <table style="width:100%; border: none;"> <tr> <td style="border: none;">Skid-tube ☐</td> <td style="border: none;">Cross tube ☐</td> <td style="border: none;">Water Jet ☐</td> <td style="border: none;">Engineering ☐</td> </tr> <tr> <td style="border: none;">Machining ☐</td> <td style="border: none;">Small Fab ☐</td> <td style="border: none;">Prod. Eng. Coord. ☐</td> <td style="border: none;">Quality ☐</td> </tr> <tr> <td style="border: none;">Thermoforming ☐</td> <td style="border: none;">Finishing ☐</td> <td style="border: none;">Rec/Store/Packaging ☐</td> <td style="border: none;">Other ☐</td> </tr> <tr> <td style="border: none;">Large Fab ☐</td> <td style="border: none;">Composite ☐</td> <td style="border: none;">Supplier ☐</td> <td></td> </tr> </table>						Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐	
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129501

Page 2

Item ID: D350-689-021 Accept ***N900040100*** Setup Start ***NS1***
Revision ID: Stop ***NS2***
Item Name: Dual High-Back Seat Installation - Energy Attenuating Seat Compatible
Start Date: 2/12/2015 Start Qty: 1.00 ***1*** Cust Item ID:
Required Date: 2/12/2015 Req'd Qty: 1.00 ***1*** Customer:
Reference: REWORK PER ECN 15-520

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____ Run Start ***NR1***
QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
200		0.00							
200									
Small Fab	Memo	0.00							
Small Fab	REWORK TO DRAWING D5162-041 AND D350-689-043								
	ASSEMBLE SEATRAIL AND SLIDING BLOCK AS PER IIN SHEET 26 D3808-041 AND D3809-1								
210	QC5- Inspect part completeness to step on W/O	0.00							
210									
QC	Memo	0.00							
Quality Control									
220	Identify as per dwg & Stock Location: _____	0.00							
220									
Packaging	Memo	0.00							
Packaging	ENSURE ORIGINAL KIT IS WITH BOX (D350-689-023 X 1, D3018-1 X 1, D3019-1 X 1)								
	ID AND STOCK UNDER NEW BATCH NUMBER @ CHG 006								

DAS 36 9-89
JUN 10 2015
DAS 38 9-89
JUN 26 2015
DAS 6 9-89

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS <table style="width: 100%; border: none;"> <tr> <td style="width: 15%;">Skid-tube ☐</td> <td style="width: 15%;">Cross tube ☐</td> <td style="width: 15%;">Water Jet ☐</td> <td style="width: 15%;">Engineering ☐</td> </tr> <tr> <td>Machining ☐</td> <td>Small Fab ☐</td> <td>Prod. Eng. Coord. ☐</td> <td>Quality ☐</td> </tr> <tr> <td>Thermoforming ☐</td> <td>Finishing ☐</td> <td>Rec/Store/Packaging ☐</td> <td>Other ☐</td> </tr> <tr> <td>Large Fab ☐</td> <td>Composite ☐</td> <td>Supplier ☐</td> <td></td> </tr> </table>				Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐	
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Date : _____	Step #: _____	QTY Effective : _____		MRB (QSI042) Approval																	
Description Work Order Deviation		Disposition		Completed By																	
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OTHER : _____																					

Work Order ID 129501

Tuesday, May 26, 2015 1:08:50 PM

129501Page 3
e 9

Item ID: D350-689-021 Accept
Revision ID:
Item Name: Dual High-Back Seat Installation - Energy Attenuating Seat Compatible
Start Date: 2/12/2015 Start Qty: 1.00 *1*
Required Date: 2/12/2015 Req'd Qty: 1.00 *1*
Reference: REWORK PER ECN 15-520

N900040100Setup Start ***NS1***Stop ***NS2***

Cust Item ID:

Customer:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____
 QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Run Start ***NR1***Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
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230

QC21- Final Inspection - Work Order Release

0.00

230

QC

Memo

0.00

Quality Control

WF
15-6-26

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date :	Step #:	QTY Effective :			MRB (QSI042) Approval
Description Work Order Deviation		Disposition			Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐			
		OTHER : ☐			

Picklist Print

Page 1

Tuesday, May 26, 2015 11:50:52 AM

Work Order ID: 129501

129501

Parent Item: D350-689-021

D350-689-021

Parent Item Name: Dual High-Back Seat Installation - Energy Attenuating Seat Compatible

Start Date: 2/12/2015

Required Date: 2/12/2015

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP Rev:A 08-12-23 new issue DD verified by: LL 08.12.24 IPP
Rev:B chg002 DD 10.02.12 verified by:JLM IPP Rev:C
chg004 DD 11.09.28 verified by:JLM IPP Rev:D 12.01.12
now @ CHG005 (ecn12-501) DD VERF:EC

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
AN3-12A		Purchased	No				Each	120.0000		3			

AN3-12A

Bolt

**

15/06/10
DAS
36
9-89

Location	Loc Qty	Loc Code
CA	69	
m129682	69	
GA	4	
m130566	4	
ST349	47	
m126192	4	
m130566	43	

3

AN4-14A

Purchased

No

Each

410.0000

2

AN4-14A

Bolt

**

15/06/10
DAS
36
9-89

Location	Loc Qty	Loc Code
FG	5	
122141	5	
ST325A	307	
131677	2	
M131153	5	
M132189	100	
M132317	200	
ST344	98	
M130716	15	
M131803	83	

2

DQA: _____ Date: _____



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Page 2

Work Order ID: 129501

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Parent Item: D350-689-021

D350-689-021

Parent Item Name: Dual High-Back Seat Installation - Energy Attenuating Seat Compatible

Start Date: 2/12/2015

Required Date: 2/12/2015

Start Qty: 1.00

Required Qty: 1.00

AN4-4A Purchased No

Each 395.0000 1

AN4-4A

BOLT

**

15/06/10 DAS 36 9-89

Location Loc Qty Loc Code

FP001 24

m125709 24

ST325A 371

m129390 371

AN4-6A Purchased No

Each 1,401.000

AN4-6A

BOLT

**

15/06/10 DAS 36 9-89

Location Loc Qty Loc Code

CA 143

M128403 43

M130851 100

ST325A 1250

M131153 1250

ST345 8

M128403 8

AN970-4 Purchased No

Each 377.0000 1

AN970-4

Washer

**

15/06/10 DAS 36 9-89

Location Loc Qty Loc Code

ST329 377

m129521 377

D2199-31 Manufactured No

Each 4.0000 1

D2199-31

Strut Details

**

2 15-5-29

Location Loc Qty Loc Code

ST351 4

129753 4

Tuesday, May 26, 2015 11:50:52 AM

Shop Packet Print

Page 2

DQA: _____ Date: _____



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Picklist Print

Tuesday, May 26, 2015 11:50:52 AM

Work Order ID: 129501

129501

Parent Item: D350-689-021

D350-689-021

Parent Item Name: Dual High-Back Seat Installation - Energy Attenuating Seat Compatible

Start Date: 2/12/2015

Required Date: 2/12/2015

Start Qty: 1.00

Required Qty: 1.00

D3031-1 Manufactured No

D3031-1

Loop

Location

GA
124064

Loc Qty

Each 8.0000

2

Loc Code

8

8

Each 0.0000

1

D350-689-021 Manufactured No

D350-689-021

Dual High-Back Seat Installation - Energy Attenuating Seat Compatible

D4667-041 Manufactured No

D4667-041

Armrest Stud Assembly

Location

WA002
128356

Loc Qty

Each 6.0000

1

Loc Code

6

6

Each 2.0000

1

D5159-041 Manufactured No

D5159-041

Seat Back Brace Assembly

Location

ST228
131517
131982

Loc Qty

2

1

1

Each 2.0000

1

D5159-043 Manufactured No

D5159-043

Seat Back Brace Assembly

Location

ST228
131519
131873

Loc Qty

2

1

1

Loc Code

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

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Picklist Print

Tuesday, May 26, 2015 11:50:52 AM

Page 4

Work Order ID: 129501

129501

Parent Item: D350-689-021

D350-689-021

Parent Item Name: Dual High-Back Seat Installation - Energy Attenuating Seat Compatible

Start Date: 2/12/2015

Required Date: 2/12/2015

Start Qty: 1.00

Required Qty: 1.00

D5159-045

Manufactured No

Each 5.0000 1

D5159-045

Seat Rib Assembly

**

Q 15-5-28

Location

Loc Qty

Loc Code

ST228

5

129550

5

Each 14.0000

1

D5190-1

Manufactured No

D5190-1

Armrest Fitting

**

Q 15-5-28

Location

Loc Qty

Loc Code

WA002

14

131642

12

131921

2

Each 2.0000

1

D5190-3

Manufactured No

D5190-3

Weld Pin

**

Q 15-5-28

Location

Loc Qty

Loc Code

WA002

2

129486

2 - 2 not found.

Each 792.0000

46

MS20600-AD4W2

Purchased No

MS20600-AD4W2

Rivet

**

Location

Loc Qty

Loc Code

CCK004

717

m126475

717

GA

68

m125708

68

ST309

7

m126475

7

DAS 36 9-89

Tuesday, May 26, 2015 11:50:53 AM

Shop Packet Print

Page 4

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

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Picklist Print

Tuesday, May 26, 2015 11:50:53 AM

Page 5

Work Order ID: 129501

129501

Parent Item: D350-689-021

D350-689-021

Parent Item Name: Dual High-Back Seat Installation - Energy Attenuating Seat Compatible

Start Date: 2/12/2015

Required Date: 2/12/2015

Start Qty: 1.00

Required Qty: 1.00

MS20600-AD4W4

Purchased

No

Each

1,050.000

4

MS20600-AD4W4

Rivets

Location

Loc Qty

Loc Code

ST308

996

M132256

996

WA003

54

M131624

54

MS20600-AD4W5

Purchased

No

Each

544.0000

8

MS20600-AD4W5

Blind Rivet

Location

Loc Qty

Loc Code

CCK004

200

m131618

200

ST308

344

m129820

22

m130673

22

m131340

300

MS21042L3

Purchased

No

Each

2,435.000

17

MS21042L3

Nut

Location

Loc Qty

Loc Code

FP001

420

M130922

420

GA

515

M131317

515

ST305

1500

116549

12

126333

49

M128754

2

M132123

437

M132382

1000

Tuesday, May 26, 2015 11:50:53 AM

Shop Packet Print

Page 5

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

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Picklist Print

Tuesday, May 26, 2015 11:50:53 AM

Work Order ID: 129501

129501

Parent Item: D350-689-021

D350-689-021

Parent Item Name: Dual High-Back Seat Installation - Energy Attenuating Seat Compatible

Start Date: 2/12/2015

Required Date: 2/12/2015

Start Qty: 1.00

Required Qty: 1.00

MS21042L4

Purchased

No

Each

5,739.000

8

MS21042L4

Locknut

15/06/10 DAS 36 9-89

Location

Loc Qty

Loc Code

FP001

26

m124231

26

GA

216

m127813

216

ST260a

4062

m130799

56

m131803

6

m132262

1000

m132382

3000

ST305

1435

m128300

8

m130388

7

m130922

97

m131618

12

m132123

1311

MS24693-S49

Purchased

No

Each

200.0000

4

MS24693-S49

Screw

Location

Loc Qty

Loc Code

ST293

200

m130835

200

15/06/10 DAS 36 9-89

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

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WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date :	Step #:	QTY Effective :		MRB (QSI042) Approval Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval	
Description Work Order Deviation		Disposition			
Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐			
OTHER : ☐					

Picklist Print

Page 7

Tuesday, May 26, 2015 11:50:53 AM

Work Order ID: 129501

129501

Parent Item: D350-689-021

D350-689-021

Parent Item Name: Dual High-Back Seat Installation - Energy Attenuating Seat Compatible

Start Date: 2/12/2015

Required Date: 2/12/2015

Start Qty: 1.00

Required Qty: 1.00

MS24694-S148

Purchased

No

Each

61.0000

4

MS24694-S148

SCREW

**

15/06/10
DAS 36 9.89

Location

Loc Qty

Loc Code

ST273A

45

m131618

45

ST288

16

m128650

1

m130518

15

1
3

MS24694-S3

Purchased

No

Each

94.0000

8

MS24694-S3

Screw

**

15/06/10
DAS 36 9.89

Location

Loc Qty

Loc Code

ST291

94

m127831

94

8

MS27039-1-17

Purchased

No

Each

295.0000

1

MS27039-1-17

Screw (601.1954)

**

15/06/10
DAS 36 9.89

Location

Loc Qty

Loc Code

GA

188

120142

38

m127831

150

ST285

107

m127305

101

m130388

6

1

Tuesday, May 26, 2015 11:50:53 AM

Shop Packet Print

Page 7

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS <table style="width:100%; border: none;"> <tr> <td style="border: none;">Skid-tube ☐</td> <td style="border: none;">Cross tube ☐</td> <td style="border: none;">Water Jet ☐</td> <td style="border: none;">Engineering ☐</td> </tr> <tr> <td style="border: none;">Machining ☐</td> <td style="border: none;">Small Fab ☐</td> <td style="border: none;">Prod. Eng. Coord. ☐</td> <td style="border: none;">Quality ☐</td> </tr> <tr> <td style="border: none;">Thermoforming ☐</td> <td style="border: none;">Finishing ☐</td> <td style="border: none;">Rec/Store/Packaging ☐</td> <td style="border: none;">Other ☐</td> </tr> <tr> <td style="border: none;">Large Fab ☐</td> <td style="border: none;">Composite ☐</td> <td style="border: none;">Supplier ☐</td> <td></td> </tr> </table>						Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐	
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Date :		Step #:		QTY Effective :			MRB (QSI042) Approval																		
Description Work Order Deviation				Disposition			Completed By																		
Root Cause		FAULT CATEGORY																							
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Picklist Print

Tuesday, May 26, 2015 11:50:53 AM

Page 8

Work Order ID: 129501

129501

Parent Item: D350-689-021

D350-689-021

Parent Item Name: Dual High-Back Seat Installation - Energy Attenuating Seat Compatible

Start Date: 2/12/2015

Required Date: 2/12/2015

Start Qty: 1.00

Required Qty: 1.00

MS27039-1-18

Purchased

No

Each

1,899.000

3

MS27039-1-18

Screw

**

15/06/10 DAS 36 9-89

Location

Loc Qty

Loc Code

GA

273

123522

73

124326

200

ST273A

1373

124326

1373

ST284

253

124326

253

3
4

MS27039-1-19

Purchased

No

Each

374.0000

4

MS27039-1-19

Screw

**

15/06/10 DAS 36 9-89

Location

Loc Qty

Loc Code

GA

128

m124326

32

m127904

96

ST273A

161

m127904

161

ST284

85

125654

44

m127904

41

4

MS27039-1-20

Purchased

No

Each

248.0000

2

MS27039-1-20

Screw

**

15/06/10 DAS 36 9-89

Location

Loc Qty

Loc Code

ST284

248

124326

248

2

Tuesday, May 26, 2015 11:50:53 AM

Shop Packet Print

Page 8

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS <table style="width:100%; border: none;"> <tr> <td style="border: none;">Skid-tube ☐</td> <td style="border: none;">Cross tube ☐</td> <td style="border: none;">Water Jet ☐</td> <td style="border: none;">Engineering ☐</td> </tr> <tr> <td style="border: none;">Machining ☐</td> <td style="border: none;">Small Fab ☐</td> <td style="border: none;">Prod. Eng. Coord. ☐</td> <td style="border: none;">Quality ☐</td> </tr> <tr> <td style="border: none;">Thermoforming ☐</td> <td style="border: none;">Finishing ☐</td> <td style="border: none;">Rec/Store/Packaging ☐</td> <td style="border: none;">Other ☐</td> </tr> <tr> <td style="border: none;">Large Fab ☐</td> <td style="border: none;">Composite ☐</td> <td style="border: none;">Supplier ☐</td> <td></td> </tr> </table>				Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐	
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Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐																		
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Date :	Step #:	QTY Effective :		MRB (QSI042) Approval																	
Description Work Order Deviation		Disposition		Completed By																	
				Lead hand / Supervisor Approval Verification																	
				QC / QA Coordinator Approval																	
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OTHER :																					

Picklist Print

Tuesday, May 26, 2015 11:50:53 AM

Page 9

Work Order ID: 129501

129501

Parent Item: D350-689-021

D350-689-021

Parent Item Name: Dual High-Back Seat Installation - Energy Attenuating Seat Compatible

Start Date: 2/12/2015

Required Date: 2/12/2015

Start Qty: 1.00

Required Qty: 1.00

MS27039-4-20

Purchased

No

Each

10.0000

4

MS27039-4-20

Screw

**

Location

Loc Qty

Loc Code

ST283

10

m130835

10

Each

34.0000

2

MS27039-4-21

Purchased

No

MS27039-4-21

Screw

**

Location

Loc Qty

Loc Code

ST284

34

m129909

18

m131616

16

Each

1,877.000

30

NAS1149D0332J

Purchased

No

NAS1149D0332.J

Washer

**

Location

Loc Qty

Loc Code

CA

14

m129682

14

ST269

1031

m130325

879

m131624

152

ST270

832

m132189

832

Each

852.0000

17

NAS1149D0432J

Purchased

No

NAS1149D0432.J

WASHER

**

Location

Loc Qty

Loc Code

ST269

852

m131026

852

Tuesday, May 26, 2015 11:50:53 AM

Shop Packet Print

Page 9

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date :	Step #:	QTY Effective :		MRB (QSI042) Approval Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval	
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Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Misabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐			
		OTHER : ☐			

Picklist Print

Page 10

Tuesday, May 26, 2015 11:50:53 AM

Work Order ID: 129501

129501

Parent Item: D350-689-021

D350-689-021

Parent Item Name: Dual High-Back Seat Installation - Energy Attenuating Seat Compatible

Start Date: 2/12/2015

Required Date: 2/12/2015

Start Qty: 1.00

Required Qty: 1.00

NAS43DD4-16FC

Purchased

No

Each

34.0000

2

NAS43DD4-16FC

**

Spacer

15/06/10
DAS
36
9-89

Location

Loc Qty

Loc Code

ST262

34

m130835

34

2

M 4/30 NT 0.750W.049
m 131541
25.2"
36"

cap. D3017-11 B128808 x 3 EL 15.5-28

~~arrmst 05/70 + B121672 x 1~~

M 4/30 NT 0.750W.049 m 131541 x 5.13' EL 15.5-29

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐			
Date :	Step #:	QTY Effective :		MRB (QSI042) Approval Completed By Lead hand / Supervisor Approval Verification QC / QA Coordinator Approval	
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Root Cause Environment ☐ Design ☐ Doc/Data ☐ Equip/Tooling ☐ Handling/Pre ☐ Material ☐ Internal Transport ☐ Tribal Knowledge ☐ LOA ☐ Substation ☐ Past Expiry Date ☐ Misidentified ☐ No Re-verification ☐ Operator ☐ Offset/Setup ☐ Supplier ☐ Training ☐ Use for Testing ☐ Poor Information ☐ Rushing ☐ Product Improvement ☐ Process Improvement ☐ Manufacturing Process ☐ Past Due ☐		FAULT CATEGORY Pressure/Forced ☐ Bending ☐ Centre Not Concentric ☐ Cracks ☐ Crimp/Kink/Ripple/Wave ☐ Cuffs ☐ Crushing ☐ Heat Treat ☐ Wave/Twist in Tube ☐ Marks/Chatter ☐ Temperature/Cure ☐ Set-up ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Inspection Incomplete/Unqualified ☐ Contamination ☐ Countersink ☐ Cut Too Short ☐ Instructions Incomplete/Unclear ☐ Drill Holes ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set ☐ Mislabeled ☐ Fit/Function ☐ Misaligned/off center ☐ Positioned Wrong ☐ Outside Dimensions ☐ Over/Under tolerance ☐ Part Incorrect ☐ Part Lost/Missing ☐ Part Moved ☐ Drawing ☐ Finish ☐ Misread ☐ Turning Sequence ☐			
		OTHER : ☐			

LOT TRACKING !!

Parent Item ID	Reason	Lot Qty	Lot Nbr	Lot Trans Date	Avg Cost Amt
D3018-1	120365	-1	120768	12/5/2014 10:08:34 AM	\$60.40
D350-689-043	120365	-1	126949	12/9/2014 11:11:18 AM	\$4,061.68
D3019-1	120365	-1	120370	12/5/2014 10:08:34 AM	\$46.77
D350-689-023	120365	-1	120462	12/5/2014 10:08:33 AM	\$353.04

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS <table style="width:100%; border: none;"> <tr> <td style="border: none;">Skid-tube ☐</td> <td style="border: none;">Cross tube ☐</td> <td style="border: none;">Water Jet ☐</td> <td style="border: none;">Engineering ☐</td> </tr> <tr> <td style="border: none;">Machining ☐</td> <td style="border: none;">Small Fab ☐</td> <td style="border: none;">Prod. Eng. Coord. ☐</td> <td style="border: none;">Quality ☐</td> </tr> <tr> <td style="border: none;">Thermoforming ☐</td> <td style="border: none;">Finishing ☐</td> <td style="border: none;">Rec/Store/Packaging ☐</td> <td style="border: none;">Other ☐</td> </tr> <tr> <td style="border: none;">Large Fab ☐</td> <td style="border: none;">Composite ☐</td> <td style="border: none;">Supplier ☐</td> <td></td> </tr> </table>				Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐																																														
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Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐																																																														
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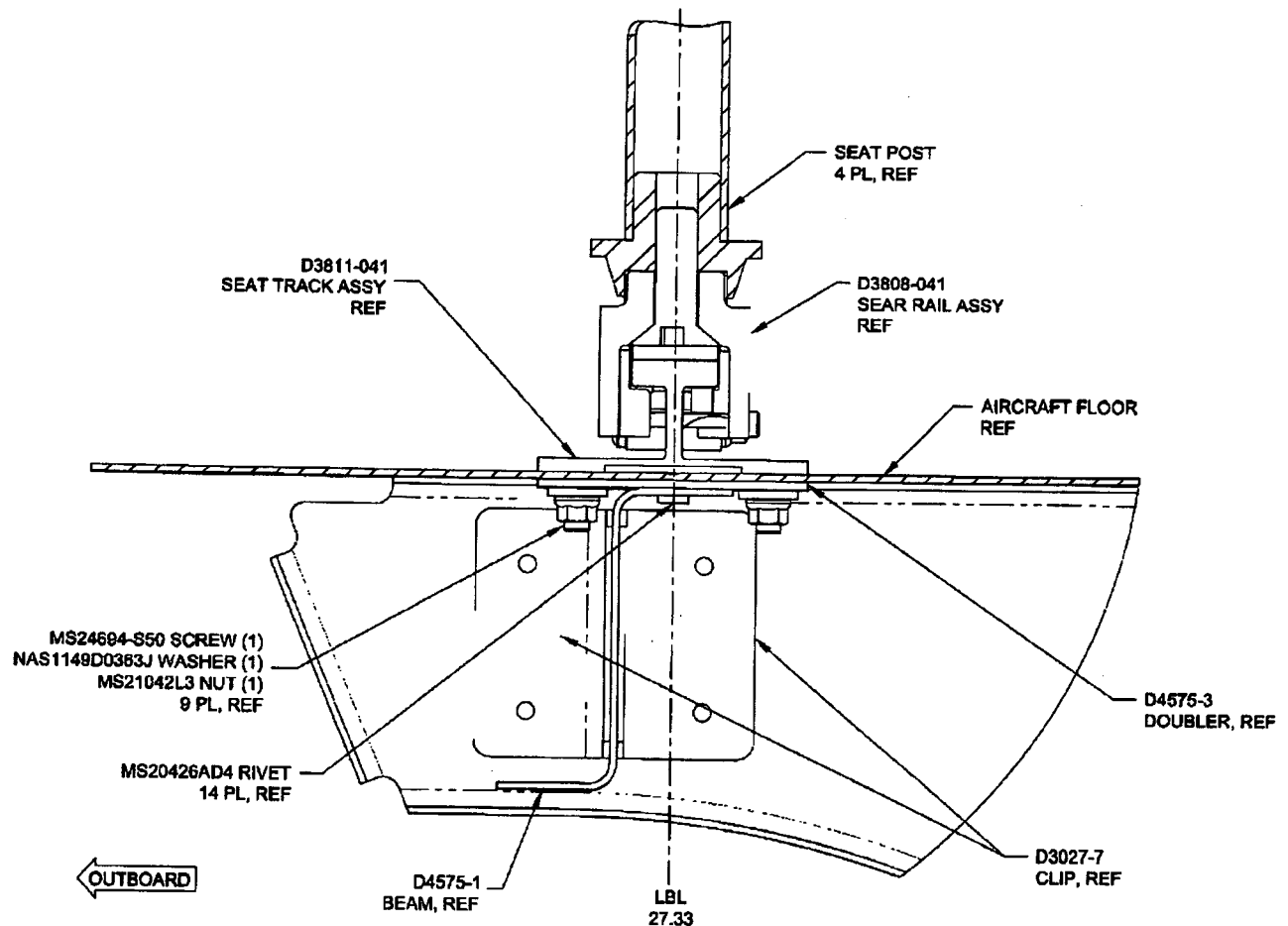


FIGURE 19: Cross Section View T-T from Figure 17

3.9 INSTALLATION OF D350-689-043 SEAT ASSEMBLY

- 3.9.1 Install cushions, lap belts, and shoulder harnesses as required. Attach shoulder harness inertial reel to seat frame per manufacturer's instructions as shown in Figure 10.
- 3.9.2 Remove screws from back end of Seat Tracks at LBL 27.33 and LBL 8.98. Slide D350-689-043 Seat Assembly into both seat tracks and lock in desired position using D3810-1 Retractable Spring Plungers. Re-install screws on back of seat tracks per the Aircraft Maintenance Manual.
- 3.9.3 Update the aircraft log book to indicate installation of the D350-689-021 kit and adjust weight and balance record for the aircraft with the weight and balance data provided in section 4.0 of these instructions.

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Revision: **C**

Date: 14.12.01

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐	AGAINST DEPARTMENT/PROCESS <table style="width:100%; border: none;"> <tr> <td style="border: none;">Skid-tube ☐</td> <td style="border: none;">Cross tube ☐</td> <td style="border: none;">Water Jet ☐</td> <td style="border: none;">Engineering ☐</td> </tr> <tr> <td style="border: none;">Machining ☐</td> <td style="border: none;">Small Fab ☐</td> <td style="border: none;">Prod. Eng. Coord. ☐</td> <td style="border: none;">Quality ☐</td> </tr> <tr> <td style="border: none;">Thermoforming ☐</td> <td style="border: none;">Finishing ☐</td> <td style="border: none;">Rec/Store/Packaging ☐</td> <td style="border: none;">Other ☐</td> </tr> <tr> <td style="border: none;">Large Fab ☐</td> <td style="border: none;">Composite ☐</td> <td style="border: none;">Supplier ☐</td> <td></td> </tr> </table>				Skid-tube ☐	Cross tube ☐	Water Jet ☐	Engineering ☐	Machining ☐	Small Fab ☐	Prod. Eng. Coord. ☐	Quality ☐	Thermoforming ☐	Finishing ☐	Rec/Store/Packaging ☐	Other ☐	Large Fab ☐	Composite ☐	Supplier ☐																																																
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